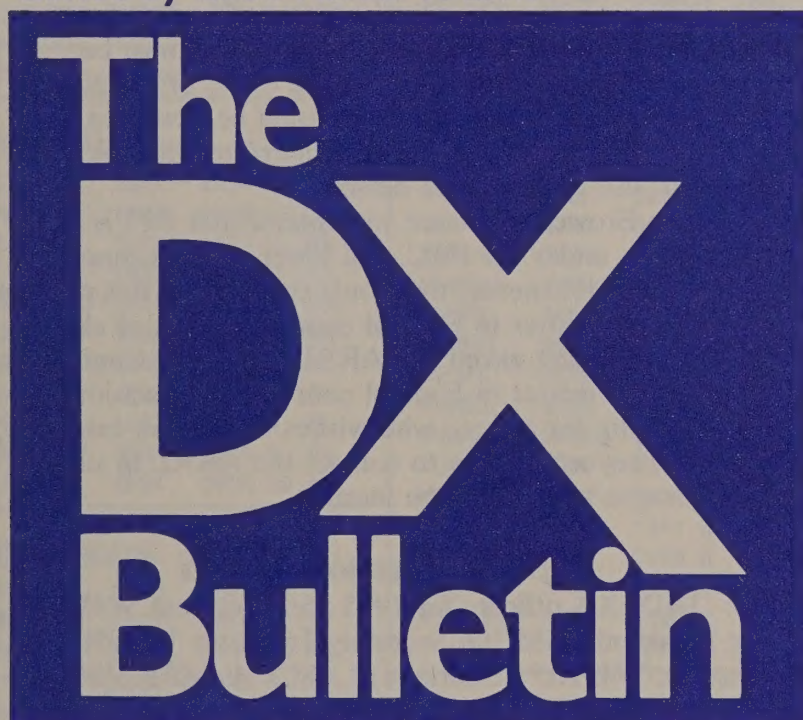


St. Lucia - J6 Jack W9KDX, Bob KS9W, Jerry K9BG, Scott N9JCL, and Bob WA9AKT will operate from St. Lucia (NA-108) Jan. 7-13, including an entry in the ARRL RTTY Roundup Jan. 7-8. Outside the contest, they will be active on 80-10 meters, on CW, SSB, and RTTY. Sunrise 1030Z; sunset 2145Z. Callsigns not yet issued. QSL to N9NCX.

Cayman Islands - ZF Isao Numaguchi JH1ROJ will operate as **ZF2RO** from Grand Cayman (NA-016) Dec. 29-Jan. 5. He will be on 75-10 meters, on CW and SSB, running 500 watts to a vertical. Sunrise 1155Z; sunset 2249Z. QSL to his home address: 4-9-31 Naka-Aoki, Kawaguchi, Saitama 332, Japan. He will visit the Bahamas C6 prior to the Cayman operation, and may be active from there.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

Antarctica - VP8 Eddie DeYoung VK4EET has been very active as **VI0ANT** from Davis Base, but finds conditions difficult. He has been trying RTTY on 14083 kHz, usually around 01-0200Z and 13-1500Z. He is active on all bands, including six meters, on CW, SSB, RTTY, and AMTOR. He can be reached by phone (14-2200Z) at 672-10-609, or by fax at 672-10-658. Internet address is ED_DEY@ANTDIV.GOV.AU. QSL via his wife Mina VK4BMD: 131 Plantain Road, Shailer Park, Queensland 4128, Australia. He also reports that **VK0IX** is active from Casey Base, mostly VHF, with a beacon on 50.2 MHz. QSL via his home call: VK5IX.

Shortly Noted

- **3V8BB** has been noted on 21290 kHz at 1400Z and 14020 kHz at 1600Z.
- **T5AR** has been quite active on 7002 kHz at 1430-1530Z on the long path, working the west coast.
- **FR5ZU/G** left Glorioso for Reunion on Dec. 3. However, Jacques **FR5ZQ/G** is now active, supposedly until the end of the year. Try 21256 kHz at 1600Z.
- **TU5EV** is the new callsign of Jim Bennett ex-TU4EI, as of Nov. 25. Same QTH (Abidjan) and QSL manager: W3HCW, who will also continue to process TU4EI cards. Jim warns DXers not to confuse his new call with that of fellow embassy worker Herman Franke TU4EV.
- **BV/KJ5LL** will be active from Taiwan Dec. 22-Jan. 3. QSL home call.
- **ZC6B** was active on 14243 kHz at 1430Z on Dec. 11. Operator was Dr. Sami Tarazi, who gave his QTH as the Gaza strip. OE6EEG says he'll run a list for ZC6B weekends at 1400Z on 14243 kHz. (Palestine was deleted from the DXCC countries list effective June 30, 1968. The ZC6 prefix is allocated to Great Britain. United Nations authorized operations from Gaza count for Egypt for DXCC. -ed.)
- **HF0POL** should be active until the end of the year, operated by Henry SP3FYM. He will concentrate on RTTY and 160 meters. This is in the South Shetlands. QSL route not provided. (DXNL.)
- **H44MS** is the Solomons callsign of IOTA DXpeditioner Bernhard DL2GAC, from mid-January. Norbert DJ9RB may accompany Bernhard.
- **FR5DX** is in France until early February, so don't expect timely QSLing.
- **RTTY: 9G1SB** 14082 0915Z; **9X5EE** 14082 2000Z; **FK8GM** 14086 0815Z; **A71EY** 14081 1125Z; **3DA0CA** 21085 1400Z; **TL8MS** 14069 1010Z; **ST2AA** 14069 1435Z; **IA0PS** (Antarctica) 14086 0645Z; **7Q7LA** 21068 1153Z; **VQ9SS** 14069 1520Z.
- **SSB Nets: 14226** (1530, 1900Z) **J52AK** XT2/TU5BA D44AB AH8A VR6DB XF3/K7DBV 9V1ZP PZ5JR PZ1ZE EL2PP 8P9CT JI7BCD/JD1 JD1BIK VP2EE TR8JH; **14247** (2200Z): **HI8LC**; **21355** (1800Z): **ZS6LF** WH6ASW A22CT ZS6B V21YA 9Q5TR HI8LC.

Islands On The Air

- **TM7I** will be operated Dec. 25-31 from Brehat Island (EU-074), by Yannick F5IEN, Bruno F5JYD, and Eric F5SSM. No QSL route provided. (LNDX.)
- **KB4GYT** and **AC4WW** will operate from Edisto Island (NA-110) off of South Carolina Dec. 26-30. Try the IOTA frequencies on SSB (14260, 21260, and 28460 kHz) and 7040, 14040, and 21040 kHz on CW. QSL home calls.
- **9K2F** will be active from Fialka Island, a New One for IOTA, Dec. 15-18. Suggested frequencies are 3750, 7052, 14195, 18140, 21300, 24940, and 28450 kHz. QSL via 9K2RA with two IRCs.

Propagation

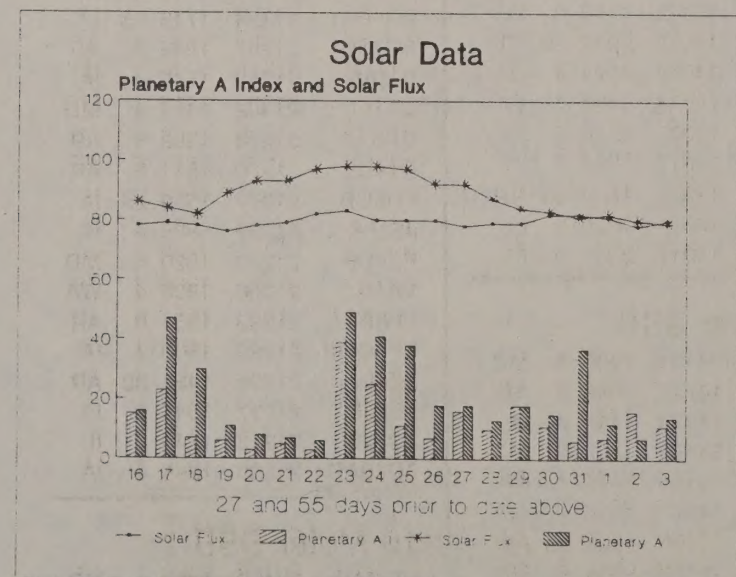
Forecast and Historical Data

Day Forecast	27 Days Before	55 Days Before
December 1994	Date Flux A K	Date Flux A K
16 High Normal	11/19 78 17/15 3	10/22 86 14/16 2
17 Low Normal	11/20 79 25/23 2	10/23 84 41/47 3
18 High Normal	11/21 78 05/07 0	10/24 82 30/30 3
19 High Normal	11/22 76 03/06 0	10/25 89 11/11 1
20 Above Normal	11/23 78 01/03 0	10/26 93 08/08 2
21 Above Normal	11/24 79 03/05 0	10/27 93 04/07 1
22 Above Normal	11/25 82 01/03 0	10/28 97 03/06 0
23 Disturbed	11/26 83 20/39 3	10/29 98 39/49 2
24 Below Normal	11/27 80 23/25 3	10/30 98 31/41 4
25 High Normal	11/28 80 11/11 2	10/31 97 34/38 3
26 High Normal	11/29 80 06/07 2	11/1 92 16/18 2
27 Low Normal	11/30 78 18/16 1	11/2 92 17/18 2
28 High Normal	12/1 79 12/10 2	11/3 87 08/13 2
29 Low Normal	12/2 79 20/18 3	11/4 84 19/18 3
30 High Normal	12/3 82 10/11 1	11/5 83 14/15 2
31 Above Normal	12/4 82 05/06 3	11/6 81 24/37 2
January, 1995		
1 High Normal	12/5 81 07/07 1	11/7 82 11/12 1
2 High Normal	12/6 78 14/16 3	11/8 80 03/07 1

Propagation Watch

Solar flux jumped up above 90 on December 12, reminding DXers that there is still life in Sunspot Cycle 22. Sunspot Region 7815 is large and growing, and should continue to boost maximum useable frequencies (MUFs) for the next few days, before it rotates to the back side of the sun.

Near the bottom of the sunspot cycle, a single sunspot region can have a significant effect on HF propagation. Region 7815 demonstrates this well. Unfortunately, these regions tend to be short-lived, unlike the persistent coronal holes that produce predictable disturbances. This means that Region 7815's size and strength was neither predicted, nor can it be expected to survive the two-week period before it rotates back onto the visible side of the sun. Thus DXers should keep an eye (or an ear) on the WWV/WWVH propagation report for any such sudden increase in solar activity. It doesn't take much activity to boost MUFs enough to open higher bands and provide greater ion density in the ionosphere, boosting signal strengths. Good hunting!



1995 Callbooks

Mike Klein KC3NE has a special deal for *The DX Magazine* readers on the 1995 *Radio Amateur Callbooks* (Flying Horse editions, North American/International). The price is \$26.25 each, \$47.50 for both, postpaid to US and possessions. (List price is US\$35. each) For optional UPS shipping to the Lower 48 states, add \$2 per order. (DX: please write for quote.) Free 1995 calendar with order, and free custom computerized beam-heading chart (include your latitude and longitude with your order.) Shipping starts in late November. Check or money order (no credit cards orders, please) to Mike Klein, Box 306, Cheltenham PA 19012 (Questions? call 1-800-444-1133; wait for dial tone and push in 5514.)

Appeal Update - WA4NST/N4XLF Tower

David Brower WA4NST and Sharon Brower N4XLF finally heard from the 4th District Court of Florida on their appeal of a Circuit Court order prohibiting not only their amateur radio tower, but all amateur radio transmissions from their property. The District Court affirmed that the tower was a nuisance and an annoyance and must be removed. The order did rule that the order prohibiting all transmissions was too broad and should be rewritten to limit it to those transmissions that interfere with the neighbors' use of electronic devices.

The Browsers continue to contend that RFI is a federal issue under the FCC, and lower courts cannot regulate same. However, their only recourse at this point is to pursue the matter in Federal court, at a cost of about \$20,000. They have asked the ARRL Executive Committee to pursue the matter in Federal court, as the decision is very damaging for anyone who wishes to have an external antenna. They ask DXers to contact the ARRL in support of the League's pursuing the matter.

INDEXA Election Results

INDEXA officers for 1995 are: President W4WMQ, Vice President K4MQG, Secretary/Treasurer W4UNP, Directors: W4FRU (Chairman) LA8CJ W4MPY VS6CT K8CH VK6RU ZL1AMO DJ9ZB, Vice Directors: WA9AVN CE3GN DL9SC W8BLA.

Club Officers

The Long Island DX Association has elected: President KB2HK, Vice President K2LS, Treasurer AA2LC, Secretary K2MFY, and Directors: N2KA K2ENT KB2CB.

The Central Arizona DX Association has elected: President Gary Capek K8BN, Vice President Frank Smith AH0W, Secretary Paul Playford W8AEF, Treasurer Fred Hules II N7PNK, Board Members at Large: Warren Hill KF7AY and Michael Fulcher KC7V.

QSLs Received

- From managers: 3Y0PI (MHDXC, 1 WK); 5H3JA (AA0OB, 5 WKS); 5W1MM (JE6IBJ, 6 WKS); CP94USA (CP1AA, 4 MOS); CS3MW/P (DJ0MW, 10 WKS); CY9CWI (VE2CWI, 4 MOS); EX0V (DF8WS, 3 MOS); FJ/N2HIG (N2HIG, 1 WKS); FY5FY (F6EZV, 6 MOS); VK6ISL (VK6LC, 3 MOS); VP5Y (K4UTE, 1 WK); ZD8Z (VE3HO, 1 MO); ZS9Z (ZS6EZ, 8 MOS).
- Direct: AP2HA (1 MO); BV7FC (10 WKS); GW4BLE (3 WKS).

B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
27	28	29	30	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

RTTY

3B8CF	14089	1635	10	FL
4X6UO	14088	1623	6	MN
A45XC	14085	1436	9	FL
A71EY *	14091	1337	9	FL
CO2KG	14083	2135	9	FL
EA6MQ	14083	1525	6	MN
EA8PDT	14084	1741	26	AZ
FG5GI	14086	2138	8	FL
HB9CAL	14089	1707	6	MN
HP9EBH	14089	1527	26	AZ
LX1TO	14085	1432	9	FL
PZ1BS	14083	1808	3	MN
ST2AA	14092	1948	9	FL
SV5AZP	14087	1515	6	MN
VP8CKN	14089	0130	8	FL
YO7UP	14084	1346	9	FL

160 Meters

5T5JC	1837	2234	2	VA
A22MN	1827	0319	29	AL
A35RK	1827	1455	5	ID
CO2EG	1830	0437	2	ID
GI3OQR	1831	0005	7	VA
GW3JSV	1832	2314	6	VA
JA1HQT	1908	1214	28	AL
JA1JRK	1908	1214	28	AL
KH6CC	1831	0446	4	FL
SM6CPY	1833	2310	6	VA
UR0MC	1834	0405	29	AL

80 Meters

3DA0BK	3505	2345	3	IA
4X4WN	3507	0214	9	FL
5B4OG	3512	0216	9	FL
7Q7LA	3504	0243	9	FL
9A2AJ	3508	0100	8	FL
9K2MU	3515	0052	8	FL
9X/	3506	0348	9	FL
SM5DIC				
A35RK	3508	1345	5	IA
EA6ZY	3501	0212	9	FL
EA8CN	3514	2335	30	NH
ER1LW	3520	2343	10	FL
FG5ED	3501	0242	9	FL
GW3YDX	3506	0807	3	WA
HR1LW	3507	1100	3	NH
JA1CGM	3504	1120	30	NH
JA1HQT	3504	1020	1	NH
JD1/	3507	1030	2	NH
J17BCD				
JW0I	3506	1145	9	MA
KH6CF	3507	1055	1	NH
LU2BRG	3504	0101	8	FL
LW9DHU	3502	0239	6	FL
OY1CT	3505	0405	23	IA
PZ1DV	3506	044	9	FL
RK1OWZ	3505	1058	4	NH
RX9FM	3504	1134	4	NH
SV2BOH	3504	2315	30	NH

SV2BXJ	3510	2245	30	NH
SV9BAI	3506	2345	30	NH
T5AR	3500	2225	1	NH
T91EVC	3511	0059	8	FL
TF3DX	3502	1155	6	IA
TU2MA	3506	0220	6	FL
TU4SR	3505	0050	6	IA
UA0ACQ	3502	1130	3	NH
UA9FAR	3502	1130	4	NH
UA9MA	3509	1150	4	NH
UN5J	3503	1148	9	MA
UX2HO	3511	0032	7	FL
VK6LW	3505	1140	2	NH
VQ9QM	3513	2320	4	IA
VS6BG	3508	2240	1	NH
XU7VK	3508	1506	3	WA
XU7VK *	3508	2220	3	MA
YV7QP	3504	1050	3	NH
ZL4QY	3514	1050	1	NH
ZS1JX	3500	0351	4	MA

75 Meters

7L1WII	3798	1221	3	AR
8R1AK	3795	0320	29	IA
A61AH	3793	0035	30	AR
A61AN	3799	0100	4	MA
CU8AH	3796	0025	30	AR
EI8FQ	3800	2319	30	VA
HA3HV	3791	0025	2	AR
HP3FL	3795	1143	7	AR
RW0LL	3795	1320	4	AR
SV3AQR	3799	0256	6	AR
TU4EX	3789	2311	30	VA
V63JC	3792	1137	2	AR
VK3DZM	3799	1141	8	MA
VK6ACY *	3800	2118	3	MA
VK6LK *	3795	2105	3	MA
YN4CBL	3795	1150	7	AR
Z31PK	3795	0524	2	VA

40 Meters

3V8BB	7006	2320	4	IA
5R8DG	7008	0235	6	IA
9J2BO	7006	0446	4	IL
9X5EE	7001	2225	4	IA
A71CW *	7009	1355	6	IA
BV2OO	7011	1529	8	CA
BV4JB	7003	1258	30	AL
C53HG	7002	2232	1	VA
CU2BJ	7007	2324	10	FL
D2EGH	7055	2235	3	IA
ER1LW	7001	2320	10	FL
EU1DX	7005	1408	30	ID
FK8GJ	7007	1325	6	IA
FO5OU	7005	0347	10	FL
HC5AI	7008	1225	6	IL
HJ0VGJ	7008	0350	4	IL
J28BS	7007	2330	23	IA
JD1/	7008	1300	24	IA
J17BCD				
JW0I	7001	0010	25	IA
JW0I	7008	0938	4	CA
LZ1YE	7005	2239	30	VA

PJ2AM	7012	2247	8	FL
TA2FE	7003	2245	8	FL
TA4ZM	7009	2029	28	NH
TU2XZ	7010	0508	4	IL
TU2XZ	7008	2131	28	NH
V51BI	7001	2257	8	FL
VU2XTO	7011	0145	3	IA
XX9X	7005	1235	3	IA
YT7T	7006	1451	6	AZ
ZA1J	7006	0222	9	FL
ZB2FK	7006	2145	28	IA

30 Meters

9H1AL	10101	2223	28	NH
CP8XA	10113	2228	5	FL
D44BS	10100	2225	5	FL
EA8CN	10102	2220	1	VA
LU7EE	10101	0019	2	GA
YL2PQ	10103	1300	2	GA
ZP6CW	10102	2142	1	NH

20 Meter CW

4N1KT	14016	1557	5	ID
4U1VIC	14016	1232	9	FL
9A8AA	14036	1645	30	VA
9Q5MRC	14007	1945	5	IA
A71AN *	14054	1450	9	FL
C53HG	14016	2115	24	IA
CO8LY	14012	2121	3	CA
CX2SA	14009	2136	3	CA
FO5OU	14010	1822	3	UT
FR5DD *	14024	1300	25	IA
HK0ER	14018	1730	1	NH
HL9DC	14027	2306	25	NH
HS7CDI	14013	0045	4	UT
OA/	21022	1422	4	FL

HB9AMO

OM1DM	14015	1245	30	NH
ST2AA	14034	1931	9	FL
TU2XP	14027	2103	28	NH
TU2XZ	14022	2035	30	VA
TU4SR	14027	2255	25	IA
UN0PYL	14020	1313	30	NH
V44KAO	14028	2143	9	FL
VP8GAV	14023	0126	8	CA
VP8PTG	14012	0012	30	UT
VP9NC	14012	1924	4	GA
XQ0YAF	14014	1417	1	VA
YS1VV	14006	2118	1	NH
Z32JA	14017	1555	5	ID
Z32LM	14002	1230	30	NH
Z37GBC	14021	1625	3	AZ
ZD8KJ	14012	2041	9	FL

20 Meter SSB

8R1WD	14191	1208	4	MD
9J2CW	14217	1949	2	AR
A61AN	14263	1435	4	IA
C31SD	14192	1202	3	MA
C91AI	14186	2115	1	AR
CO4QH	14205	2216	30	AR
EA9AU	14190	1309	30	AR
JW8GV	14249	2204	5	MD

PY7AAM	14259	2345	5	MD
TI2JJP	14201	2233	2	SC
TU5EV	14197	2210	29	AR
VP8BKT	14206	0008	2	WA
VP8BKT	14184	0040	5	AR
XT2BH	14212	2046	1	AR
XX9AS	14195	2350	25	IA
Z37GBC	14225	1208	30	SC
ZD7DP	14198	2020	24	IA
ZP5XYE	14169	2258	1	GA

17 Meter CW

CO1HJ	18072	2228	1	ID
ER3ED	18074	1341	30	MA
HI3AB	18090	2130	4	ID
LZ1LZ	18078	1425	3	IL
S51GW	18082	1604	5	ID
SV2AVP	18077	1304	30	MA
T77C	18072	1550	4	IL

17 Meter SSB

LZ1ND	18142	1510	28	VA
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15 Meter CW

9J2BO	21026	1404	4	GA
A71EZ	21014	1400	10	FL
FR5DD	21040	1355	7	VA
FR5HG	21009	1505	4	IA
HJ0VGJ	21026	1618	10	FL
HJ0VGJ	21025	2203	7	CA
TR8LT	21015	2015	22	IA
TU4SR	21027	1645	4	IA
VK9NS	21025	2025	22	IA
XQ0YAF	21019	1848	5	ID
ZB2EO	21023	1600	28	IA

15 Meter SSB

3V8BB	21290	1352	30	AR
5H3BT	21397	1435	3	IA
5N0PYL	21244	1340	5	IA
5N8NDP	21290	1633	2	AR
5T5MS	21298	1640	22	IA
7X2LS	21298	1715	4	IL
9G1BJ	21294	1715	25	IA
9G1SB	21267	1532	6	AR
9J2AE	21240	1740	4	IA
C91AI	21302	1419	4	MD
CP8XA	21276	1558	6	AR
D44BS	21270	1511	6	AR
FH5CB	21277	1550	25	IA
J52AK	21293	1805	4	IA
PZ1DR	21223	1520	4	MD
VA1S	21260	1906	4	WA
VP8BKT	21293	1551	6	AR
VP8CMP	21290	1500	4	IA
XE1L	21295	1421	30	AR
ZB2JO	21237	1545	5	IA
ZD7JP	21313	1848	3	IL
ZD7SAS	21238	1955	4	IA

10 Meter SSB

HP1MN	28485	2006	1	MD
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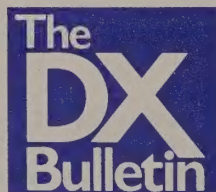
Current and Future DXpeditions

(Changes and hot info in boldface.)

<u>DXCC Country</u>	<u>Prefix</u>	<u>Callsign</u>	<u>Dates</u>	<u>Issue</u>
Aland Islands	OH	N0AFW/	Jan. 10-15	I766
Angola	D2	D2XX	now active	I765
Antarctica		VP8CMR	14260 2230Z	I763
		VI0ANT	now active	I768
		IA0PS	now active	I767
Antigua	V2	/G6QQ	Nov. 18+	I764
Bahamas	C6	C6AGN	Dec. 10-Mar.	I765
		WG3I+	Dec. 10-18	I766
Belize	V3	V31RY OB	CW Dec. 28-Jan. 9	I767
Botswana	A2	A22MN	low bands	I765
Cameroon	TJ	TJ1JR	14165 2230Z	I758
Cayman Islands	ZF	ZF2RO	Dec. 29-Jan. 5	I768
Chatham Island	ZL7	ZL7AMO	Dec. 10-20	I766
Eastern Kiribati	T32	T32J+	Dec. 27-Jan.2	I766
Ghana	9G	9G1JB	2 years	I765
		9G1AA	Jan. 17-31	I767
Glorioso	FR/G	FR5ZQ	21256 16Z	I768
Market Reef	OJ0	N0AFW	Jan. 10-15?	I766
Nepal	9N	9N1WT	14270 08Z	I765
New Caledonia	FK/	JAs	Dec. 14-19	I767
North Cooks	ZK1KH		December	I745/9
Palestine?	ZC	ZC6B	14243 14Z	I768
Qatar	A7	DL9FQC/	Jan. 14-27	I766
Rwanda	9X	9X5EE	now active	I767
St. Lucia	J6	W9s	Jan. 7-13	I768
Saudi Arabia	HZ	7Z5OO	12-1500Z	I763
Solomons	H4	H44MS	mid-Jan.	I768
Somalia	T5	T5AR	7002 1430Z	I768
South Shetlands	VP8	DP1KGI	Jan.-Mar.	I767
		HF0POL	to Dec. 31	I768
Svalbard	JW	JW5NM	1830/3792 02Z Sat.	
Syria	YK	4U/VE3UWC	now active	I759
Taiwan	BV/	KJ5LL	Dec. 22-Jan.2	I768
Thailand	HS/DL2VK		six months	I760
	HS/DL2FDK		Dec. 9-Jan. 9	I765
Tonga	A3	A35RK	Nov. 24-Feb.	I761
Tunisia	3V	3V8BB	21290/14Z 14020/16Z	
		3V8W?	soon?	I767
Turks & Caicos	VP5	WB8GEX/	Dec. 26-Jan.1	I766
Vatican	HV	HV3SJ	Jan. 3-Mar.	I767
Vietnam	XV	XV7SW	now active	I764
Zaire	9Q	9Q5EXV	thru Jan.	I764

Resident Amateurs on Regularly

<u>DXCC Country</u>	<u>Callsign</u>	<u>Freq.</u>	<u>UTC</u>
80 Meters	KH6CF	3503±	1050Z
80 Meters	ZL4QY	80M CW	1100Z Thurs.
Argentina	LU7EE	10101	0000Z+
Asiatic Russia	RX9FM	3506	1130Z
Bolivia	CP8XA	10107±	2230Z+
Canary Islands	EA8CN	3510±	2330Z+
Falklands	VP8BKT	21291	16-1800Z
Gambia	C53HG	14104±	2115Z
Ivory Coast	TU2XZ	14021	2030Z+
Korea	HL9DC	14024±	23-0100Z
Minami Torishima	J17BCD/JD1	3507	1030-11Z
Mozambique	C91AI	21302	14-1500Z
Paraguay	ZP6CW	10107±	2145Z+
Reunion Island	FR5DD	14020±	1300Z
Rwanda	9X5EE	7000	2230Z



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San Andrés	HJ0VGJ	7008	0350Z
St. Helena	ZD7JP	21340±	1900Z
Swaziland	3DA0BK	3506	0245Z
Turkey	TA4ZM	705±	2030Z+
Zaire	9Q5MRC	14007	2000Z

DX Operating Events and DX Gatherings

Jan. 7-8	ARRL RTTY Roundup
Jan. 14-15	Hungarian CW DX Contest
Jan. 27-29	CQWW 160-Meter CW Contest
Jan. 28-29	UBA Belgium SSB DX Contest
Feb. 11-12	PACC CW/SSB DX Contest
Feb. 11-12	Spanish RTTY Contest
Feb. 18-19	ARRL CW DX Contest

Contributors

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